

**COLORADO PLATEAU  
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT TWO TO  
COOPERATIVE and JOINT VENTURE AGREEMENT**

**between**

**NAVAJO NATION**

**and**

**U.S. DEPARTMENT OF THE INTERIOR  
Bureau of Land Management  
U.S. Bureau of Reclamation  
U.S. Geological Survey  
National Park Service  
U.S. Fish and Wildlife Service  
Bureau of Indian Affairs**

**U.S. DEPARTMENT OF AGRICULTURE  
U.S. Forest Service  
Natural Resources Conservation Service**

**U.S. DEPARTMENT OF DEFENSE  
Office of the Deputy Under Secretary of Defense  
(Installations and Environment)  
U.S. Army Corps of Engineers – Civil Works**

**and**

**NORTHERN ARIZONA UNIVERSITY (HOST)  
Arizona State University  
Colorado State University  
Diné College  
Fort Lewis College  
New Mexico State University  
Oregon State University  
University of Arizona  
University of Nevada-Reno  
Utah State University  
The Arboretum at Flagstaff  
Museum of Northern Arizona  
Colorado Mesa University (formerly Mesa State College)**

**Southern Utah University  
Archaeology Southwest (formerly Center for Desert Archaeology)  
Rocky Mountain Bird Observatory  
Weber State University  
University of New Mexico  
Crow Canyon Archaeological Center  
University of Pennsylvania  
Prescott College  
Institute for Bird Populations  
The University of Texas at San Antonio  
University of Utah  
Utah Valley University  
Dixie State University  
Conservation Science Partners  
Desert Research Institute**

**Adding:  
University of Cincinnati**

With the exception of the changes below, all terms and conditions of the Colorado Plateau CESU Agreement apply to this Amendment, and this Amendment is hereby made part of the Agreement.

#### **ARTICLE I. BACKGROUND AND OBJECTIVES**

M.1. University of Cincinnati is hereby included in the Colorado Plateau CESU as a Federal Agency Partner.

#### **ARTICLE III. TERM OF AGREEMENT**

A.1. The effective date of the Colorado Plateau CESU Cooperative and Joint Venture Agreement is 18 June 2014.

A.2. The effective date of this Amendment to the Colorado Plateau CESU Cooperative and Joint Venture Agreement shall be determined from the date of the last signature to this Amendment.

#### **ARTICLE IV. KEY OFFICIALS**

D.28. The technical representative for the University of Cincinnati is:

Alan P. Sullivan  
Professor and Head

Department of Anthropology  
481 Braunstein Hall  
University of Cincinnati  
Cincinnati, OH 45221-0380  
Phone: (513) 556-5782  
alan.sullivan@uc.edu

#### **ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES**

The following authorizing signatures are attached to this amendment:

A. NAVAJO NATION

U.S. DEPARTMENT OF THE INTERIOR

- B. Bureau of Land Management
- C. U.S. Bureau of Reclamation
- D. U.S. Geological Survey
- E. National Park Service
- F. U.S. Fish and Wildlife Service
- G. Bureau of Indian Affairs

U.S. DEPARTMENT OF AGRICULTURE

- H. U.S. Forest Service
- I. Natural Resources Conservation Service

U.S. DEPARTMENT OF DEFENSE

- J. Office of the Deputy Under Secretary of Defense (Installations and Environment)
- K. U.S. Army Corps of Engineers – Civil Works

L. NORTHERN ARIZONA UNIVERSITY (HOST)

- M. Arizona State University
- N. Colorado State University
- O. Diné College
- P. Fort Lewis College
- Q. New Mexico State University
- R. Oregon State University
- S. University of Arizona
- T. University of Nevada-Reno
- U. Utah State University
- V. The Arboretum at Flagstaff
- W. Museum of Northern Arizona
- X. Colorado Mesa University (formerly Mesa State College)
- Y. Southern Utah University
- Z. Archaeology Southwest (formerly Center for Desert Archaeology)
- AA. Rocky Mountain Bird Observatory

BB. Weber State University  
CC. University of New Mexico  
DD. Crow Canyon Archaeological Center  
EE. University of Pennsylvania  
FF. Prescott College  
GG. Institute for Bird Populations  
HH. The University of Texas at San Antonio  
II. University of Utah  
JJ. Utah Valley University  
KK. Dixie State University  
LL. Conservation Science Partners  
MM. Desert Research Institute  
**NN. University of Cincinnati**

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

A. Navajo Nation

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Ben Shelly  
President

\_\_\_\_\_  
Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

**B. Bureau of Land Management**



for Jenna Whitlock

Acting State Director



Date



Maria Gochis

Grant Management Officer



Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

C. U.S. Bureau of Reclamation


Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Lindsey Nafts  
Grants and Cooperative Agreements Specialist

\_\_\_\_\_  
Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

D. U.S. Geological Survey


  
\_\_\_\_\_  
Sherri Ly Bredesen  
Contracting Officer

06/15/15  
Date



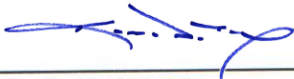
**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

E. National Park Service



\_\_\_\_\_  
Andrew E. Lubner  
Contracting Officer

7/30/15  
Date



\_\_\_\_\_  
Kelvin A. Delaney  
Financial Assistance Officer

7-30-2015  
Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

F. U.S. Fish and Wildlife Service

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Greg Watson  
Chief of Landscape Conservation

\_\_\_\_\_  
Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

G. Bureau of Indian Affairs

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Michael S. Black  
Director, Bureau of Indian Affairs  
U.S. Department of Interior


\_\_\_\_\_  
Date

\_\_\_\_\_  
Bernie Toyekayah  
Grants and Cooperative Agreements Specialist

\_\_\_\_\_  
Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

H. U.S. Forest Service

  
\_\_\_\_\_  
Allison Hill  
Program Manager, Rocky Mountain Research Station

6/24/15  
Date

The authority and format of this instrument has been reviewed and approved for signature.

  
\_\_\_\_\_  
Linda Marsh  
Grants and Agreements Specialist

6/24/15  
Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

I. Natural Resources Conservation Service

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Gayle N. Barry  
Deputy Chief for Management

\_\_\_\_\_  
Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

J. Office of the Deputy Under Secretary of Defense (Installations and Environment)

**ROBICHEAUX.TRACI.D.1260353  
990**

Digitally signed by ROBICHEAUX.TRACI.D.1260353990  
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA,  
cn=ROBICHEAUX.TRACI.D.1260353990  
Date: 2015.07.08 11:25:37 -05'00'

\_\_\_\_\_  
Traci Robicheaux  
Grants Officer  
Representing ODUSD (I&E)

\_\_\_\_\_  
Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

K. U.S. Army Corps of Engineers – Civil Works

**MCGUFFIE.JERI.H.**  
**1230779046**

Digitally signed by MCGUFFIE.JERI.H.1230779046  
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,  
ou=USA, cn=MCGUFFIE.JERI.H.1230779046  
Date: 2015.06.15 09:55:01 -05'00'

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Jeri McGuffie  
Grants Officer

15 Jun 2015

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Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

L. Northern Arizona University

  
\_\_\_\_\_  
Wilma G. Ennenga  
Director, Grant and Contract Services

07/30/2015  
Date



**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

M. Arizona State University

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Rob Melnick

\_\_\_\_\_  
Date

Executive Dean, Global Institute of Sustainability/School of Sustainability

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

N. Colorado State University

*cm* 

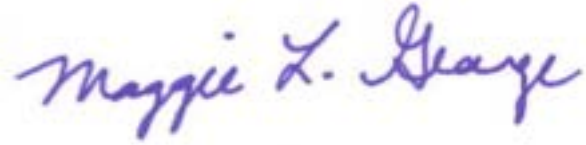
David B. Doty  
Associate Director, Office of Sponsored Programs

6/23/15

Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

O. Diné College



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Maggie George  
President

6/17/15

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Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

P. Fort Lewis College



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Barbara Jean Morris  
Provost, Vice President for Academic Affairs

July 9, 2015  
Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

Q. New Mexico State University

  
\_\_\_\_\_  
Steven J. Loring  
Associate Director, AES

Alisha A. Giron, Director  
Office of Grants and Contacts 

07/31/2015  
Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

R. Oregon State University

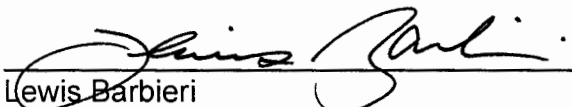
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Lin Reilly  
Senior Grant and Contract Officer

\_\_\_\_\_  
Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

S. University of Arizona

  
\_\_\_\_\_  
Lewis Barbieri  
Director, Contract and Research Support

6/23/15  
Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

T. University of Nevada-Reno

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

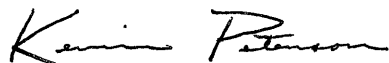
\_\_\_\_\_  
Charlene Hart, MBA, CPA  
Director, Sponsored Projects

\_\_\_\_\_  
Date



**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

U. Utah State University



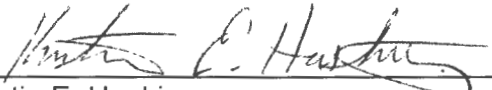
\_\_\_\_\_  
Kevin Peterson  
Director, Sponsored Programs

6/22/15

Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

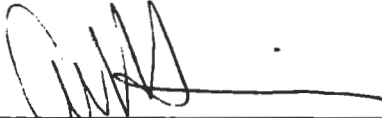
V. The Arboretum at Flagstaff

  
\_\_\_\_\_  
Kristin E. Haskins  
Director of Research

30 July 2015  
Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

W. Museum of Northern Arizona



Carrie Heinonen  
Director and CEO

6.16.15  
Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

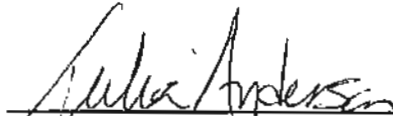
X. Colorado Mesa University (formerly Mesa State College)

  
\_\_\_\_\_  
Tim Foster  
President

6/22/15  
Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

Y. Southern Utah University

  
\_\_\_\_\_  
Julia Anderson  
Director, Sponsored Programs Office

6/18/2015  
Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

Z. Archaeology Southwest (formerly Center for Desert Archaeology)



William H. Doelle  
President and CEO

6/15/15  
Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

AA. Rocky Mountain Bird Observatory

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Tammy VanCauteren  
Executive Director

\_\_\_\_\_  
Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

BB. Weber State University

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Chris Millard  
Director, Office of Sponsored Projects

\_\_\_\_\_  
Date



**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

CC. University of New Mexico



06/16/2015

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Michael Dougher  
Vice President for Research

---

Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

DD. Crow Canyon Archaeological Center

A handwritten signature in cursive script that reads "Mark D. Varien". The signature is written in black ink and is positioned above a horizontal line.

Mark D. Varien  
Chair, Research and Education

\_\_\_\_\_  
Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

EE. University of Pennsylvania




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W. Stuart Watson  
Associate Director, Office of Research Services

7/9/15  
Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

FF. Prescott College

A handwritten signature in blue ink, appearing to read "Paul Burkhardt", is written over a light gray rectangular background.

Paul Burkhardt  
Executive Vice President for Academic Affairs and Provost

6-16-2015  
Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

GG. Institute for Bird Populations

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Rodney Siegel  
Executive Director

\_\_\_\_\_  
Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

HH. The University of Texas at San Antonio



7/24/15

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Cory R. A. Hallam, Ph.D.  
Chief Commercialization Officer

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Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

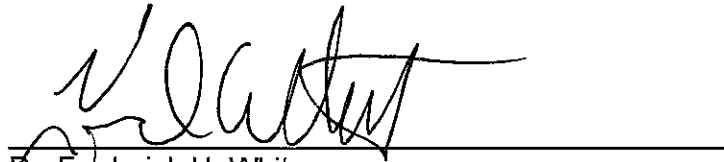
II. University of Utah

  
\_\_\_\_\_  
Brent K. Brown  
Director, Office of Sponsored Programs

  
\_\_\_\_\_  
Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

JJ. Utah Valley University

  
\_\_\_\_\_  
Dr. Frederick H. White  
Associate Vice President – Engaged Learning

31 July 2015  
\_\_\_\_\_  
Date



**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

KK. Dixie State University

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Paul C. Morris  
Vice President for Administrative Services

\_\_\_\_\_  
Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

LL. Conservation Science Partners

A handwritten signature in black ink, appearing to read "Brett Dickson", written over a horizontal line.

Brett Dickson  
President

6.16.15

Date

**ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)**

MM. The Board of Regents of the Nevada System of Higher Education  
on behalf of the Desert Research Institute

**Alan Gertler**

Digitally signed by Alan Gertler  
DN: cn=Alan Gertler, o, ou,  
email=Alan.Gertler@dri.edu, c=US  
Date: 2015.06.15 14:13:50 -07'00'

6/15/15

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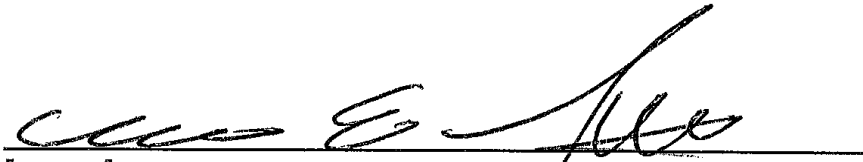
Alan W. Gertler, Ph.D.  
Vice President for Research

---

Date

ARTICLE XIII. AGREEMENT AUTHORIZING SIGNATURES (cont.)

NN. University of Cincinnati

A handwritten signature in black ink, appearing to read "Charles E. Jake IV", is written over a horizontal line.

[name]:

[title]:

Charles E. Jake IV, Esq.  
Associate General Counsel  
Assistant Contracting Officer

6/5/15  
Date